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	U.S. PATENT DOCUMENTS												
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de		5442633		Perkins et al.	08/15/1995	370 / 33)							
de		5530963		Moore et al.	06/25/1996	209/243							
2		5625877		Dunn et al.	04/29/1997	455/454							
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	NON PATENT LITERATURE DOCUMENTS	
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	10/371125, US Patent Application Serial Number 10/371125 filed February 20, 2003 InventorsWei- Ying Ma et al. Entitled "Systems and Methods for Enhanced Image Adaptation," (Attorney Docket MS1-1406US)	
	LIENHART, R. et al., "On the Detection and Recognition of Television Commercials," University of Mannheim, 17 pages.	
	http://www.fatalfx.com/nomad/ "NOMAD (No More Advertising)," February 17 2003, 4 pages.	
	SADLIER, DAVID A., "Automatic TV Advertisement Detection from MPEG Bitstream," Centre for Ditial Video Processing/Research Institute for Network & Communication Eng. Dublin City University, 12 pages.	
	Broadcasts," Computer Vision Center Departament d'Informatica Universitat Autonoma de	
	ZABIH, RAMIN, "A Feature-Based Algorithm for Detecting and Classifying Scene Breaks," Computer Science Department, Cornell University, 16 pages.	
	LU LIE et al., "Content Analysis for Audio Classification and Segmentation" IEEE Transactions on Speech and Audion Processing, Vol. 10, No. 7, October 2002, pages 504-516.	
	LU, LIE et al., "A Robust Audio Classification and Segmentation Method," Microsoft Research China, 9 pages.	
	LU, LIE et al., "Content-Based Audio Segmentation Using Support Vector Machines," 2001, IEEE, pages 956-959.	
	JHA, UMA S., "Wireless Landscape-Need for Seamless Connectivity," Wireless Personal Communications, 2002, pages 275-283.	
	No.1	no. http://www.fatalix.com/nomad/ "NOMAD (No More Advertising)," February 17 2003, 4 pages. SADLIER, DAVID A., "Automatic TV Advertisement Detection from MPEG Bitstream," Centre for Dital Video Processing/Research Institute for Network & Communication Eng. Dublis City University, 12 pages. SANCHEZ, JUAN MARIA, "AudiCom: a Video Analysis System for Auditing Commercial Broadcasts," Computer Vision Center Departament d'Informatica University Autonoma de Barcelona, 5 pages. LU LIE et al., "Content Analysis for Audio Classification and Segmentation" IEEE Transactions on Speech and Audion Processing, Vol. 10, No. 7, October 2002, pages 504-516. LU, LIE et al., "Content Analysis for Audio Classification and Segmentation Method," Microsoft Research China, 9 pages. LU, LIE et al., "Content-Based Audio Classification and Segmentation Method," Microsoft Research China, 9 pages. LU, LIE et al., "Content-Based Audio Segmentation Using Support Vector Machines," 2001, IEEE, pages 956-959.

						
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NON PATENT LITERATURE DOCUMENTS									
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2						
da		HELD, GIBERT, "Focus on Agere System's Orinoco PC Card," International Journal of Network Management, January 2002, pages 187-193.							
10		CHERRY, STEVEN M., "Pesky Home Networks Trouble cable Behemoths," IEEE Spectrum, April 2002, pages 60-61.							
da		NIEBUR, E. et al., "Computational Architectures for Attention," The Attentive Brain, Chapter 9, 1998, pages 163-186.							
de		WOLFE, J. M. et al., "Deploying Visual Attention: The Guided Search Model," Al and the Eye, Chapter 4, 1990, pages 79-103.							
02		ZADEH, L. A., "Probability Measures of Fuzzy Events," Journal of Mathematical Analysis and Applications, 23 1968, pgs 421-427.	,						
de		TSOTSOS, J. K. et al., "Modeling Visual Attention Via Selective Tuning," Artificial Intelligence v78, 1995, pgs 507-545.							
de-		MA, YF. et al., "A Model of Motion Attention for Video Skimming," IEEE ICIP, 2002m, pages I-129 to I-132.							
do		SAHOO, P.K. et al., "Threshold Selction Using a Minimal Histogram Entropy Difference," Optical Engineering, v36, no7, July 1997, pages 1976-1981.							
da	-	MILANESE, R. et al., "Attentive Mechanisms for Dynamic and Static Scene Analysis," Optical Engineering, v34, no8, August 1995, pages2428-2434.							
de		JING, et al., "An Effective Region-Based Image Retrieval Framework," From ACM Multimedia 2002, 28 pages.							
da		LI, et al., "Statistical Learning of Multi-View Face Detection," Proceedings of ECCV, 2002, 25 pages.							

Examiner		Λ	Date	0
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Na		AHMAD, SUBUTAI, "VISIT: A Neural Model of Covert Visual Attention," Advances in Neural Information Processing Systems, v. 4, 1991, pgs 420-427.	
NQ-		BALUJA et al., "Expectation-Based Selective Attention for Visual Monitoring and Control of a Robot Vehicle," Robotics and Autonomous System, v. 22, no. 3-4, December 1997, pages 329-344.	
10		DENG et al., "Peer Group Filtering and Perceptual Color Image Quantization," Proceedings of IEEE International Symposium on Circuits and systems, Vol. 4, 1999, pages 21-24.	
do		ITTI et al., "A Model of Saliency-based Visual Attention for Rapid Scene Analysis," IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998.	
da		MA et al., "A User Attention Model for Video Summarization," Proceedings of ICIP, 2002.	
de		CHEN et al., "A Visual Attention Model for Adapting Images on Small Displays," ACM Multimedia Systems Journal, 2003.	
da	_	LU, Xiaoye et al., "An Integrated Correlation Measure for Semantic Video Segmentation," IEEE 2002, 4 pages.	
de		FAN, Xin et al., "Visual Attention Based Image Browsing on Mobile Devices," 4 pages.	
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de		DIVAKARAN, Ajay et al., "Video summarization using descriptors of motion activity: A motion activity based approach to key-frame extraction from video shots," (:SPIE_IS&T 10/01/2001) V10 n 4 pp 909-916							
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